Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 11 May 2023 until 23:59 on Friday 12 May 2023

Forecast Issued on Thursday 11 May 2023 at 03:24

Confidence: High confidence in the general synoptic pattern and the transition to high pressure and more settled conditions into the weekend. Moderate confidence in shower distribution and overnight mist and fog.

Headline for Thursday 11 May 2023: A dry and rather misty start, but sunny spells soon developing along with heavy, possibly thundery, showers.

Mountain weather hazards on Thursday 11 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Light rain showers	Light rain showers	Heavy rain showers	Cloudy	Cloudy
Precipitation probability					
<05%	30%	30%	30%	10%	00%

Forecast for Thursday 11 May 2023

Weather: Some valley mist and patchy hill fog at first on Thursday. Sunny spells will soon develop along with scattered heavy, possibly thundery and slow-moving, showers into the afternoon. These then fading into the evening.

Chance of cloud-free hill tops above 600m: A 30% chance at first then 80% chance by mid-morning with summits only covered.

Low cloud and visibility: Occasionally poor visibility at first with valley mist and early low cloud covering summits down to around 300-500m. Visibility becoming mostly good or excellent, but occasionally poor in heavy or thundery showers with cloud affecting summits down to around 300-500m.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Thursday 11 May 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/8 SW	6/9 SW	5/8 W	5/8 N	8/11 E	13/18 NE	14/19 NE
300	6/7 SW	4/6 SW	6/10 W	4/8 N	6/9 E	8/15 NE	11/17 NE
Valley	3/5 SW	3/5 SW	5/9 W	5/10 N	5/9 E	7/18 NE	9/19 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/5	8/6	9/8	10/9	9/8	8/5	7/3
300	9/7	9/8	11/10	12/12	12/11	10/9	9/6
Valley	9/9	10/10	12/12	13/12	12/12	11/9	9/7
Freezing Level*	1800m	1700m	1700m	1800m	1800m	1800m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

There will be a risk of hail and lightening from late morning until the evening, associated with scattered showers. Otherwise, there will be plenty of sunny spells and therefore sun cream and water are recommended for a day in the hills.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 11 May 2023	12.8mm	12.8mm	20.8mm

Forecast for Friday 12 May 2023

Weather: Early mist and fog patches quickly clearing to leave a dry day with light winds and plenty of pleasantly warm sunny spells developing.

Maximum wind: Easterly or northeasterly 10 to 15 mph

Chance of cloud-free hill tops above 600m: 40% chance at first then 90% from mid-morning

Low cloud and visibility: Some poor visibility at first, but becoming good or excellent from mid-morning. Cloud perhaps affecting summits around 300-500m, at first and again in any showers.

Temperature: **Valleys:** Plus 4 Celsius increasing to plus 16 Celsius
At 600m: Plus 5 Celsius increasing to plus 9 Celsius
Freezing level: Above summits

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